

User Manual

Personal Transporter Li



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Personal Transporter (PT) Model Descriptions

Table 1 lists the Personal Transporter (PT) models described in this manual.

Table 1. Personal Transporter (PT) Model Descriptions

Personal Transporter (PT) Specifications

Table 2 shows the specifications for the Personal Transporter (PT) models described in this manual.

Table 2. Personal Transporter (PT) Specifications

Model Specification	Li
Max. Payload	180kg
Min. Rider Weight	40 kg
Max. Handlebar Cargo Weight	10 kg
Max. Speed:	16 km/h)
Energy (Rechargeable Batteries)	Lithium Ion (Li-ion)
Range on a Full Charge**	30 km
Turning Radius	0°
Power Requirements (Worldwide)	100 to 240 V~; 50 or 60 Hz

Preface

Congratulations on the purchase of your new Personal Transporter (PT)!

The Personal Transporter (PT) is the standard term used to refer to the self-balancing product described in this manual. Each Personal Transporter (PT) model (LI or LA) is different, but the fundamentals found in this manual apply to both models.

About This Manual

This Getting Started Manual is intended to help you set up and use your Personal Transporter (PT). It provides basic information to get you started quickly. More comprehensive information is provided in the Reference Manual.

It is important that you adhere to all safety warnings and cautions that appear throughout your Personal Transporter (PT) User Materials and that you use good judgment when you ride your Personal Transporter (PT).

Learning to Ride the Personal Transporter (PT)

We want you to be safe and enjoy learning how to ride your Personal Transporter (PT). Think about how you learned to ride a bike, drive a car, ski, or do just about anything else involving transportation. You probably had somebody help you learn. You started in a safe location. You started slowly. All these techniques apply to the Personal Transporter (PT).

If you carefully follow all the instructions and warnings in this Getting Started Manual, the Reference Manual, and the Safety Video, you should be able to teach yourself how to ride the Personal Transporter (PT), but you must be careful. We strongly recommend that you have a spotter who has studied all the instructions and warnings in this Getting Started Manual and the Safety Video for the first time you ride your Personal Transporter (PT). Prior to each ride, ensure the Tires are well maintained and there are no loose components.

Safety First!

This section provides safety and warning statements that you should be aware of before you use your Personal Transporter (PT).

WARNING!

RISK OF DEATH OR SERIOUS INJURY Whenever you ride the Personal Transporter (PT), you risk death or serious injury from loss of control, collisions, and falls. To reduce risk of injury, you must read and follow all instructions and warnings in the User Materials.

WARNING!

Always wear a helmet when riding. Use an approved bicycle or skateboard helmet that fits properly with the chin strap in place, and provides protection for the back of your head.

WARNING!

Avoid obstacles and slippery surfaces that could result in a loss of balance or traction and cause a fall.

WARNING!

Pay attention to all warnings and alerts from the Personal Transporter (PT). They indicate unsafe operating conditions. You must learn about and understand the Personal Transporter (PT) Safety Alerts described in the User Materials and respond as instructed.

WARNING!

All Personal Transporter (PT) parts must be properly installed. Never attempt to stand on a Personal Transporter (PT) without the LeanSteer Frame attached and secured. Using your Personal Transporter (PT) without all parts properly installed could damage your Personal Transporter (PT) and result in serious injury from loss of control, collisions, and falls.

Assembling Your Personal Transporter (PT)



- | | |
|---------------------|-----------------------|
| ① Turn left switch | ② Screen |
| ③ Turn right switch | ④ Height adjust catch |
| ⑤ Folding catch | ⑥ Charge port |
| ⑦ Controller port | ⑧ Power switch |
| ⑨ Parking support | ⑩ Hubmotor and Tire |

1. Contact folding catch to the frame , and tighten the screws. (5)
2. Contact the height adjust catch and tighten the screw. (4)
3. Contact the controller port to the port (7)

When you are assembling your PT, don't turn on the power !!!!

Charging the Batteries



NOTE:

The Personal Transporter (PT) Batteries should be charged for at least 12 hours before the first use.

Two Li-ion Batteries come preinstalled on your Personal Transporter (PT), and are located on the underside of the Powerbase.

To maximize the performance of your Personal Transporter (PT) Batteries, fully charge your Batteries for at least 12 hours, once a month, or after every 12 hours of operation—whichever comes first. Charge your Batteries only when they are within the specified charging temperature range.

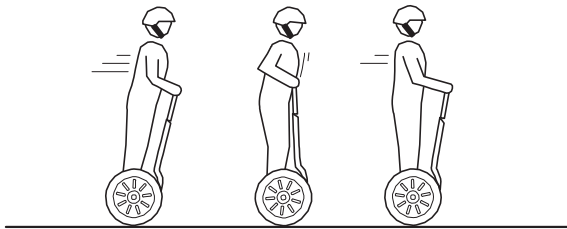
Charge the Batteries of your new Personal Transporter (PT) for at least 12 hours as soon as possible after you receive it.

Always charge Batteries in a clean, dry location, free of debris. To charge the Batteries:

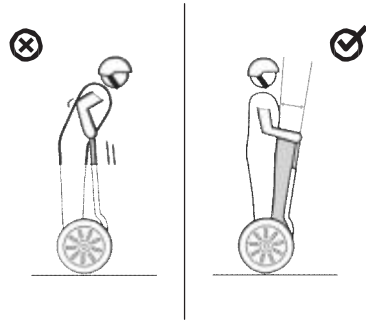
1. Open the Charge Port of your Personal Transporter (PT).
2. Verify that the Charge Port is dry.
3. Plug one end of the Power Cord into a grounded AC outlet (100 V~ to 240 V~; 50 Hz or 60 Hz). The Power Cord should be properly grounded.
4. Plug the other end of the Power Cord
5. Verify that the Charge Indicator light is red .

Speed Limiter

When you approach the maximum allowed speed for a given situation, the Personal Transporter (PT) will push the Handlebar back to slow you down. This is called the Speed Limiter.



The Personal Transporter (PT)'s Speed Limiter is an alert that you are moving too fast. When the Personal Transporter (PT) pushes the Handlebar back, **stop leaning forward and slow down**. Always leave a gap between yourself and the Handlebar.



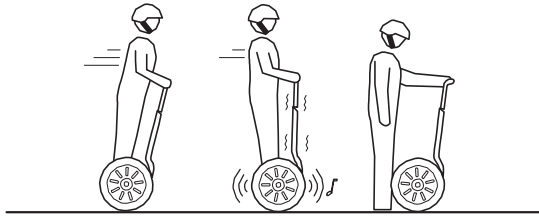
Stick Shake Warning

One of the ways that the Personal Transporter (PT) notifies you when you are at risk of falling is by shaking the Handlebar and making growling noises. This is called the Stick Shake Warning



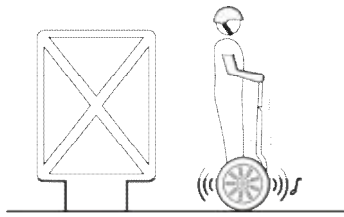
Safety Shutdown

If the Personal Transporter (PT) detects a fault in any of its redundant systems or a Battery is depleted beyond its safe limit, it performs a Safety Shutdown.



If a Safety Shutdown occurs:

1. Immediately come to a controlled stop.
2. Carefully step off one foot at a time.



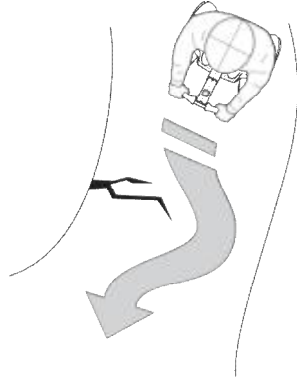
Understanding Balance Mode

The Personal Transporter (PT) also has a Riderless Balance Mode, which allows you to slowly move the Personal Transporter (PT) when you are not riding it. Step down off the Personal Transporter (PT), and walk with your Personal Transporter (PT) in Riderless Balance Mode to move around obstacles, stairs, or terrain that is difficult to navigate. When the Personal Transporter (PT) is in Riderless Balance Mode, it is important to hold onto the Handlebar to prevent the PT from moving on its own.

Avoiding Hazards

The Personal Transporter (PT) is highly maneuverable and allows you to easily navigate around obstacles. However, to prevent the loss of traction, you must always be careful when riding and learn to identify and avoid slippery, icy, or wet surfaces, loose materials (sand/gravel), steep slopes, and obstacles.

Stop and step off your Personal Transporter (PT) and use Riderless Balance Mode to move your Personal Transporter (PT) over unsafe surfaces or terrain.



Avoiding Slips

The Personal Transporter (PT) Tires must be able to grip the ground for the machine to stay upright!

Slips occur when the Personal Transporter (PT) loses traction, potentially causing loss of control and a fall. Abrupt maneuvers, and riding over slippery surfaces, loose objects and materials, or steep slopes can cause the Personal Transporter (PT) to lose traction.

Avoid abrupt maneuvers, such as fast stopping or starting.

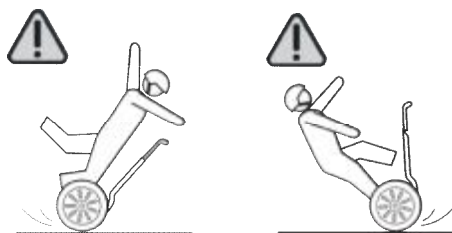
Avoid riding on slippery surfaces such as snow, ice, wet floors, wet grass, or any other surface that might cause slipping.

Avoid riding over loose objects or materials such as small branches, litter, or small stones.

Use caution when riding over any terrain change such as pavement to grass, or over a threshold or speed bump.

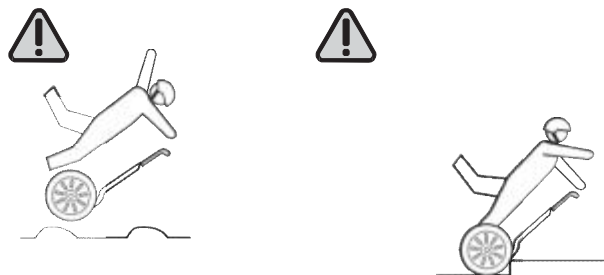
Avoid riding on steep slopes.

Maintain Tire contact with the ground.



Avoiding Trips

Trips occur when the Personal Transporter (PT)'s Wheel or Powerbase encounters an obstacle or terrain change that prevents the Personal Transporter (PT) from moving, bringing it to an abrupt stop and potentially causing a fall.



Avoid holes, curbs, steps, and other obstacles.

Avoid riding over any surface where the bottom of the Personal Transporter (PT) may strike any object.

Use caution when riding over any terrain change such as pavement to grass, or over a threshold or speed bump.

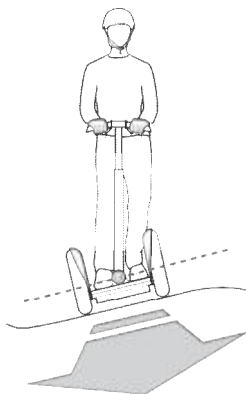
Avoiding Tips

The Personal Transporter (PT) balances front to back but not side-to-side.

You are responsible for maintaining side-to-side balance by leaning into turns. If you fail to actively maintain this side-to-side balance, the Personal Transporter (PT) can tip sideways and fall.

Avoid riding across steep slopes.

Lean into turns and lean uphill when riding across gentle slopes.



Avoid turning on slopes or ramps.

Never let go of the Handlebar when riding across a slope. The Personal Transporter (PT) will turn downhill and you could lose your balance.

Stay centered on narrow sidewalks or elevated paths.

Avoid turning when maneuvering backward.

Make sure that one Wheel does not drop off a curb.



Riding Your Personal Transporter (PT)

This section describes how to ride the Personal Transporter (PT). It discusses riding for the first time and helpful hints for all rides.

Follow these steps to learn to ride your Personal Transporter (PT). It is important that you practice riding in a controlled, familiar environment until you are comfortable using your Personal Transporter (PT)

Before riding, make sure your Personal Transporter (PT) is assembled and charged.

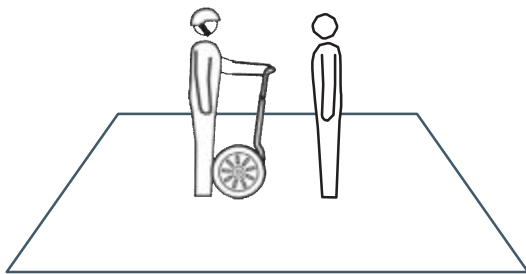
Inspect your Personal Transporter (PT) before each use. Do not ride if any part is loose, damaged, or if Tires are not properly inflated.

Do not wear loose clothing or jewelry that could get caught in the Personal Transporter (PT).

Step 1: Preparing for Your Ride

To prepare for your first ride:

1. Select an appropriate area for your first ride. This area may be indoors or outdoors and should measure at least 12 feet by 12 feet (4 meters by 4 meters). It must have a level, smooth riding surface with good traction and should be free of obstructions and away from vehicles, bicycles, pets, small children, and other distractions.



2. You will need a spotter who has studied all the instructions and warnings in this manual and the Safety Video to help you and assist you with the instructions.
3. Put on your helmet and fasten and adjust the chin strap in accordance with the manufacturer's instructions.



4. Move the Personal Transporter (PT) to the center of the riding area.
5. Adjust the Handlebar height.

Step 2: Powering On the Personal Transporter (PT)



Turn on the power on the frame (Red button)

Do not step onto the Personal Transporter (PT) yet! Your PT is powered on, but it is not balancing.



Turn on the power of intelligent autobalance system . (black switch)

You will hear a tone from the Personal Transporter (PT) and the Balance Indicator lights (located on the screen) will illuminate to indicate the power is ON and the Personal Transporter (PT) is in Standby Mode.

Step 3: Confirming the Beginner Setting

Ensure that the Beginner Setting is enabled by confirming that the forward icon shows on the Controller display.

Step 4: Stepping On

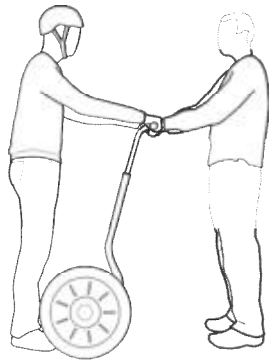
Before you attempt to step on for the first time:

Have your spotter stand in front of the Personal Transporter (PT), face you, and hold the Handlebar securely with both hands. Your spotter should be prepared to firmly hold the Personal Transporter (PT) to keep it from moving.

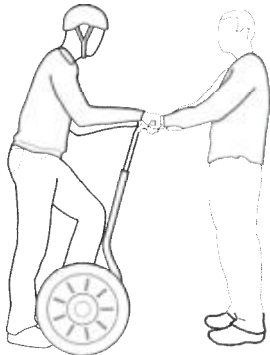
Remember, the Personal Transporter (PT) will move forward, backward or turn if you move the Handlebar. Avoid pushing, pulling, or leaning the Handlebar as you step on.

To step onto the Personal Transporter (PT):

1. Hold the Handlebar with both hands, and as you step up, look forward and not down.



2. Place just one foot on the Mat

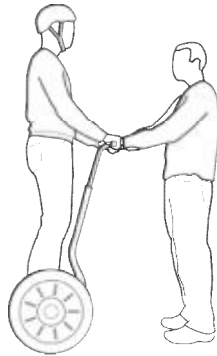


3. Slowly transfer your weight to your foot on the Mat.
4. Slowly, while avoiding moving the Handlebar, raise your back foot off the ground and place it on the Mat. Stay calm and relaxed. Look forward.



NOTE:

Be prepared. Some people rock back and forth involuntarily when they first step on.

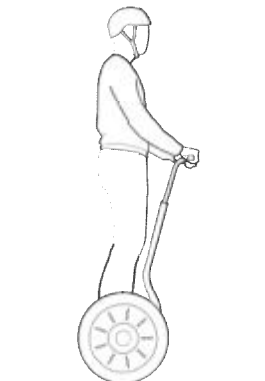


5. If you feel unstable, step off the Personal Transporter (PT), one foot at a time, and pause before stepping back on.

The spotter should continue holding firmly the entire time, and be prepared to keep the Personal Transporter (PT) from moving as you step on or off.



Keep the Powerbase level to remain stationary. The correct position for standing in place is shown as follows:

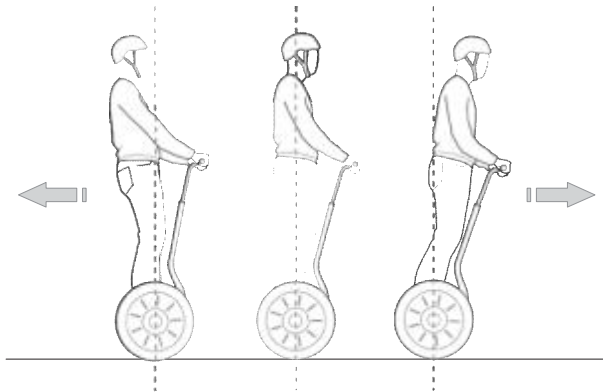


Step 6: Moving Forward and Backward

The PT moves forward and backward in response to changes in your position.

When standing on the Powerbase, to move forward or backward:

1. With your spotter available to assist you, slowly lean forward and feel the PT move forward. Then stop leaning forward and feel it slow down and stop. Do this a few times.



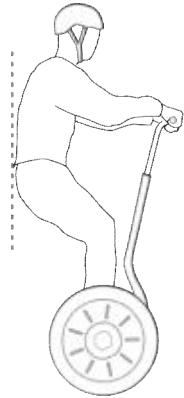
2. Look behind you and then slowly lean back and feel the Personal Transporter (PT) move backward. Then stop leaning back and feel it slow down and stop. Do this a few times.
3. With your spotter standing close by, practice going forward and backward a short distance in each direction. Be careful not to run the Wheels into any wall or object. This could cause you to fall.

Step 7: Stopping

Stop the Personal Transporter (PT) by shifting your weight away from the direction you are moving.

To stop the Personal Transporter (PT):

1. When you are moving forward, gently shift your hips back (as if you are preparing to sit down) to bring the Personal Transporter (PT) to a stop.
2. Once stopped, center your weight over the Powerbase to remain stationary. If you continue to lean back, you will move backward.
3. Practice choosing a spot on the ground, and coming to a smooth controlled stop at that spot. Then remain stationary.



Step 8: Turning the Personal Transporter (PT)

The Personal Transporter (PT) turns in the direction that you turn the Handlebar. You turn the Personal Transporter (PT) by turning the Handlebar left or right.



Turning In Place

First, practice turning in place. To turn in place, slowly pivot the Handlebar to the side in the direction that you want to turn. The Personal Transporter (PT) will rotate so that you turn in place. Practice turning to the right and to the left using this technique. Never turn left and right handlebar once together, Use them one by one.

Turning While Moving

After you are comfortable going forward and backward and turning in place, try slowly riding forward and turning at the same time. Keep your knees slightly bent and lean in the direction of the turn in coordination with the angle of the handlebar.

Because abrupt turns can be dangerous, always lean into turns slowly and smoothly.

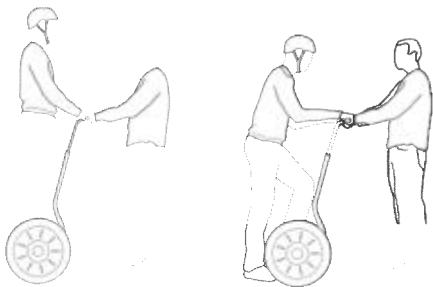
Step 9: Stepping Off

When you are ready to step off the Personal Transporter (PT) for the first time, your spotter should hold the Handlebar.

Remain stationary by keeping your weight centered over the Wheels and Powerbase and keep the Handlebar vertical.

To step off the Personal Transporter (PT):

1. Without leaning backward or to the side, step off the Personal Transporter (PT), one foot at a time.
2. After you have stepped off, continue to hold the Handlebar in place. If you let go, the Personal Transporter (PT) will roll forward and can potentially cause injury or damage.



3. When you step off, the Personal Transporter (PT) enters Riderless Balance Mode. In Riderless Balance Mode, the Personal Transporter (PT) moves forward, backward and turns in response to how you move the Handlebar. Use Riderless Balance Mode to move the Personal Transporter (PT) over curbs or terrain where it is unsafe or undesirable to ride.

Practice Riding

You will need to become very familiar with your Personal Transporter (PT) before you attempt to ride outside of your controlled practice environment. The more you practice, the safer you will be when you move into new places. Remember the following as you practice:

Use the Beginner Setting and ride in areas free of obstacles and distractions until you are comfortable on your Personal Transporter (PT). Practice at the Beginner level until you can step on, ride forward and backward, turn, stop, and step off with the same precision and confidence as you walk.

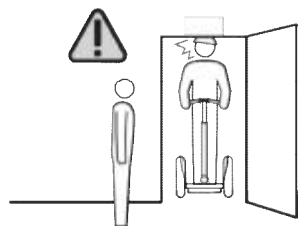
With practice, you should be able to ride in narrow areas. You should also be able to ride, turn, and stop on a narrow, curving, paved walkway.

Until you can ride with this precision, do not attempt to ride in any area where you might encounter children, pedestrians, pets, vehicles, bicycles, or other obstacles and potential hazards.

Your first rides without the Beginner Setting should be in the same secure areas where you learned to ride with the Beginner Setting.

Use caution when riding in new environments.

Be careful when riding through a doorway.



Make sure you leave enough Wheel clearance.



Watch out for terrain transitions such as pavement and grass



Navigating Terrain

With practice, you can learn to ride over many different types of terrain, provided you avoid slippery surfaces, loose materials, steep slopes, and obstacles. Always proceed slowly over unfamiliar terrain.

Never allow the Personal Transporter (PT) to become airborne, even for short periods of time, because the Personal Transporter (PT) has no traction when airborne, and you could lose control upon landing.

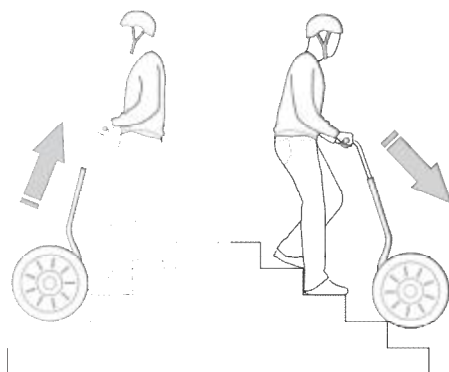
Terrain Compensation

The Personal Transporter (PT) is designed to compensate for uneven terrain. When riding straight on uneven terrain, keep the LeanSteer Frame vertical.

Point the LeanSteer Frame in the direction you want to move and allow the Powerbase to follow the contour of the ground.

Navigating Stairs and Curbs

1. Step off of the Mats.
2. Check the Console and verify the Personal Transporter (PT) is in Riderless Balance Mode.
3. Walk around so you are in front of the Personal Transporter (PT).
4. Carefully guide the Personal Transporter (PT) to the stairs and align the Wheels perpendicular to the stairs or curb.
5. Always stand above the Personal Transporter (PT), facing the Handlebar. Gently guide the Personal Transporter (PT) up or down, one step at a time.



Riding Etiquette

Use proper etiquette when riding your Personal Transporter (PT).

Be careful and considerate of others.

Always ride under control at a speed that is safe for you and those around you.

Always be prepared to stop.

Respect pedestrians by always yielding the right of way.

Avoid startling pedestrians. When approaching from behind, announce yourself and slow down to walking speed when passing. Pass on the left whenever possible. When approaching a pedestrian from the front, stay to the right and slow down.

In heavy pedestrian traffic, slow down and proceed at the pace of pedestrian traffic. Pass only if there is ample space to do so safely. Do not weave in and out of pedestrian traffic.

When riding with other Personal Transporter (PT) riders, maintain a safe distance, identify hazards and obstacles, and do not ride side-by-side unless there is plenty of room left for pedestrians.

Do not park your Personal Transporter (PT) in a way that blocks pedestrian traffic.

Cross roads at designated crosswalks or signaled intersections.

Do not jaywalk/ride.

Only travel on a road when a pedestrian way is not available or when sidewalk use is not allowed.

Do not ride your Personal Transporter (PT) on private property (inside or outside) unless you have obtained permission to do so.

Safety Tips and Guidelines

The Personal Transporter (PT) 's unique balancing ability and ease of use can lead you to become overconfident. If you exceed the ability of the Personal Transporter (PT) to balance, such as by riding over obstacles, uneven terrain, slippery surfaces, loose materials, or steep slopes, you can very quickly lose control, leading to collisions, falls, and injury. As with any other transportation device, using a Personal Transporter (PT) exposes you to risk of injury. You can reduce the risk by following all the instructions and warnings in this Manual, but you cannot eliminate the risk.

Read this Manual and watch the Safety Video.

Do not allow any person to use your Personal Transporter (PT) unless that person has carefully read this Manual and watched the Safety Video.

Wear a helmet. Whenever you ride your Personal Transporter (PT) wear a helmet that fits properly with the chin strap in place. Use an approved bicycle or skateboard helmet that provides protection for the back of your head. Depending upon riding conditions and your riding experience, consider using additional protective equipment, such as gloves, eye protection, wrist guards and knee pads. Wear footwear that protects your feet and provides adequate support and comfort.

Spot new riders carefully. All new riders should use the Beginner Setting. The safety of new riders is your responsibility. Do not allow anyone to step onto the Personal Transporter (PT) for the first time unless you are there to hold the Handlebar. Spot new riders until they are comfortable with the basic operation of the Personal Transporter (PT). Do not let new riders operate the Personal Transporter (PT) outside of your direct supervision unless they have read this Manual and watched the Safety Video.

Avoid slippery surfaces, loose materials, steep slopes, and obstacles. If you cannot avoid a slippery surface, loose material, steep slope, or obstacle, then you must step off and use Riderless Balance Mode to move across it. Be especially careful when riding in confined spaces or near obstructions.

Use caution on slopes. Use caution when ascending, descending, or crossing slopes. Do not attempt to ride across any slopes with loose material or slippery surfaces. Instead, step off and use Riderless Balance Mode, walking with the Personal Transporter (PT) held downhill from you. When riding across any slope, lean uphill to maintain balance.

You are taller than you think. Be aware of the added height that the Personal Transporter (PT) (and your helmet) gives you and use caution when riding indoors or in the vicinity of doorways, archways, branches, signs, or other low overhead obstacles.

Watch those turns! Always turn slowly and with caution. Fast turns can lead to loss of control and falls. Lean into turns.

Do not take risks. When you encounter a slope, uneven terrain, or other terrain feature with which you are not experienced or that makes you at all concerned about your safety, do not risk riding over it. Instead, step off and use Riderless Balance Mode.

Do not wear loose clothing that can catch in the Tires and prevent proper steering.

No passengers. The Personal Transporter (PT) is for one rider. Do not ride double or carry any passengers. Do not carry a child in your arms or in a child carrier while riding.

The Personal Transporter (PT) has not been designed, tested or approved as a medical device. You must be able to step on and off the

Personal Transporter (PT) unassisted, which requires physical abilities similar to ascending and descending stairs without assistance, and without holding the handrail.

When riding, keep both hands on the Handlebar and both feet on the Mats. Do not attempt to carry any object in your hand(s).

Never ride on stairs or through revolving doors. Riding on stairs is extremely dangerous, as is riding on escalators and through revolving doors.

Do not step off a moving Personal Transporter (PT). Always come to a stop before stepping off.

Do not ride in the dark. Do not ride the Personal Transporter (PT) in low visibility conditions without a light. To ride safely, you must be able to clearly see what is in front of you and you must be clearly visible to others.

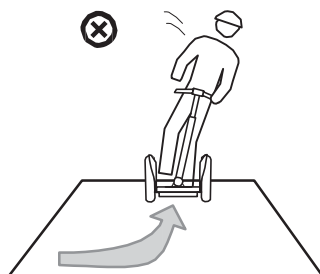
Be relaxed. Ride in a relaxed position with your knees and elbows slightly bent and head up.

Be prepared to stop. Be especially careful when approaching or crossing intersections, driveways, corners, doorways, and other areas where you may need to slow down or stop to avoid motor vehicles, bicyclists, or pedestrians.

Be alert. As with any other transportation device, you must be mentally alert to safely ride a Personal Transporter (PT). Do not attempt to ride if you are ill or if you cannot comply fully with the instructions and warnings in this Manual. Do not ride under the influence of alcohol or drugs.

Avoid distractions. Do not use a cell phone, listen to headphones, or engage in any other activity that might distract you or interfere with your ability to monitor your surroundings while riding.

Do not ride backward. You should not ride backward, except to maneuver a few feet. Instead, turn and ride forward. There is a difference between maneuvering backward and riding backward, similar to the difference between stepping back and walking backward. Maneuver backward only when necessary to open a door or back away from an obstacle.



Avoid turning while maneuvering backward

Never restart and ride your Personal Transporter (PT) after it has indicated an empty Battery condition or performed a low Battery Safety Shutdown. The Personal Transporter (PT) may not have enough power to keep you balanced, especially if you demand a lot of power at once. If you restart and continue riding, you risk falling. Also, you may damage your Batteries resulting in reduced Battery life and capacity.

Never let go of a balancing Personal Transporter (PT). Never let go of your Personal Transporter (PT) when in Balance Mode, because the Personal Transporter (PT) will travel some distance on its own before transitioning to Standby Mode. The Personal Transporter (PT) will not travel very far if you let go of it when it is stopped. But, if you let go of it when it is moving at any speed, it could travel much farther, risking injury to others and damage to the Personal Transporter (PT).

Riding on the road. The Personal Transporter (PT) is not intended or recommended for primary use on roads. If you must ride on the road, or must cross the road, be extremely careful. Ride as far away from traffic as possible. Allow plenty of time for crossing roads. Remember, the Speed Limiter or an unexpected obstacle could slow your crossing. Check to make sure that riding on the road is allowed by law.

Disclaimer

**Thank you for purchasing our products . Once you use our products ,
your unconditional acceptance of these terms**

**1.Manufacturers and distributors no need responsible for the vehicle
caused casualties and property loss.**

**2.As the illegal operation or operations not in accordance with
instructions , dangerous driving causing damage to the vehicle ,
Product warranty does not work**

**3.Allowed by local law in the case of use of the vehicle .
Manufacturers and sellers not responsible for the violations users**